

**Environmental Quality Incentives Program  
 Massachusetts 2007 Practice List**

Conservation Practice <sup>1</sup>	Practice Code	Unit	Cost Share Method <sup>2</sup>	Cost Share Rate <sup>3</sup>
<b>CROP MANAGEMENT SYSTEMS</b>				
<b>Crop Management Practices</b>				
Agrichemical Mixing Facility	702	No.	AC	75%
Comprehensive Nutrient Management Planning	100	No.	FR	100%
Contour Farming	330	Ac.	FR	100%
Cover Crop	340	Ac.	AC	75%
Deep Tillage	324	Ac.	FR	100%
Diversion	362	Ft.	AC	75%
Forage Harvest Management	511	Ac.	FR	100%
Nutrient Management	590	Ac.	FR	100%
Pest Management	595	Ac.	FR	100%
Residue Management - No Till/Strip Till	329	Ac.	FR	100%
Transition to Organic Production	789	Ac.	FR	100%
<b>Erosion Control Practices</b>				
Access Road <sup>4</sup>	560	Ft.	AC	50%
Critical Area Planting	342	Ac.	AC	75%
Field Border	386	Ft.	AC	75%
Filter Strip <sup>9</sup>	393	Ac.	AC	75%
Grade Stabilization Structure	410	No.	AC	50%
Grassed Waterway	412	Ac.	AC	50%
Lined Waterway or Outlet	468	Ft.	AC	50%
Streambank and Shoreline Protection	580	Ft.	AC	50%
Stripcropping	585	Ac.	FR	100%
Subsurface Drain <sup>10</sup>	606	Ft.	AC	50%
Terrace	600	Ft.	AC	50%
Underground Outlet <sup>10</sup>	620	Ft.	AC	50%
Water & Sediment Control Basin	638	No.	AC	50%
<b>Irrigation System Reorganization Practices<sup>11</sup> (Water Conservation Purpose)</b>				
Irrigation Water Conveyance	430	Ft.	AC	50%
Irrigation System, Microirrigation	441	Ac.	AC	50%
Irrigation System, Sprinkler	442	Ac.	AC	50%
Irrigation System, Tailwater Recovery	447	No.	AC	50%
Irrigation Water Management	449	Ac.	FR	100%
Pumping Plant	533	No.	AC	50%
Structure for Water Control	587	No.	AC	50%
<b>Irrigation System Reorganization Practices (Cranberries: Water Quality Purpose)</b>				
Dike	356	Ft.	AC	75%
Irrigation Water Conveyance, <i>minimum washoff</i>	430	Ft.	AC	65%
Irrigation Water Conveyance, <i>higher criteria for washoff</i>	430	Ft.	AC	75%
Irrigation System, Sprinkler, swap heads, <i>min.criteria</i>	441	Ac.	AC	50%
Irrigation System, Sprinkler, retrofit, <i>min.criteria</i>	442	Ac.	AC	65%
Irrigation System, Sprinkler, retrofit, <i>higher criteria</i>	442	Ac.	AC	75%
Irrigation System, Sprinkler, replacement, <i>min.criteria</i>	442	Ac.	AC	65%
Irrigation System, Sprinkler, replacement, <i>higher criteria</i>	442	Ac.	AC	75%
Irrigation System, Sprinkler, heads for replacement system	442	Ac.	AC	65%
Irrigation System, Tailwater Recovery	447	No.	AC	50%
Irrigation Water Management	449	Ac.	FR	100%
Land Smoothing	466	Ac.	AC	50%
Pond Sealing and Lining	521	No.	AC	75%
Pumping Plant	533	No.	AC	50%
Open Channel	582	Ft.	AC	50%
Structure for Water Control	587	No.	AC	75%
<b>FOREST MANAGEMENT PRACTICES</b>				
Forest Stand Improvement	666	Ac.	AC	50%

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<b>GREENHOUSE MANAGEMENT SYSTEMS (Bristol, Essex, Middlesex, Norfolk Counties Only)</b>				
<b>Irrigation System Reorganization Practices (Water Quality &amp; Quantity Purposes)</b>				
Irrigation Water Conveyance	430	Ft.	AC	50%
Irrigation System, Microirrigation	441	Ac.	AC	50%
Irrigation System, Surface and Subsurface	443	Ac.	AC	50%
Pumping Plant	533	No.	AC	50%
<b>Crop Management Practices</b>				
Nutrient Management	590	Ac.	FR	100%
Pest Management	595	Ac.	FR	100%
<b>Water Conservation Practices</b>				
Roof Runoff Structure	558	No.	AC	50%
<b>LIVESTOCK MANAGEMENT SYSTEMS</b>				
<b>Aquaculture Management Systems</b>				
Shellfish Aquaculture Management	706	No.	FR	100%
<b>Animal Waste Management Systems</b>				
Access Road <sup>4</sup>	560	Ft.	AC	50%
Anaerobic Digester ( <i>control temp</i> )	366	No.	AC	75%
Composting Facility	317	No.	AC	75%
Comprehensive Nutrient Management Planning	100	No.	FR	100%
Constructed Wetland	656	No.	AC	50%
Critical Area Planting	342	Ac.	AC	75%
Diversion	362	Ft.	AC	75%
Fence <sup>5</sup>	382	Ft.	AC	75%
Heavy Use Area Protection	561	Ac.	AC	75%
Manure Transfer	634	No.	AC	75%
Pond Sealing and Lining	521	No.	AC	75%
Roof Runoff Structure	558	No.	AC	75%
Sediment Basin	350	No.	AC	75%
Subsurface Drain <sup>10</sup>	606	Ft.	AC	75%
Waste Storage Facility	313	No.	AC	75%
Waste Utilization	633	Ac.	FR	100%
Waste Water Treatment Strip	635	Ac.	AC	75%
Windbreak/Shelterbelt	380	Ft.	AC	50%
<b>Prescribed Grazing Systems<sup>7</sup></b>				
Animal Trails & Walkways	575	Ac.	AC	75%
Brush Management	314	Ac.	AC	50%
Fence <sup>5</sup>	382	Ft.	AC	75%
Pasture and Hay Planting <sup>6</sup>	512	Ac.	AC	50%
Pipeline	516	Ft.	AC	50%
Pond	378	No.	AC	25%
Prescribed Grazing	528	Ac.	FR	100%
Spring Development	574	No.	AC	50%
Stream Crossing <sup>13</sup>	578	No.	AC	50%
Water Well <sup>8</sup>	642	No.	AC	50%
Watering Facility	614	No.	AC	50%
<b>WILDLIFE HABITAT PRACTICES<sup>12</sup></b>				
Early Successional Habitat Development/Management	647	Ac.	AC	50%
Field Border	386	Ft.	AC	75%
Riparian Forest Buffer	391	Ac.	AC	75%
Riparian Herbaceous Buffer	390	Ac.	AC	75%
Upland Wildlife Habitat Management	645	Ac.	FR	100%
Wetland Wildlife Habitat Management	644	Ac.	FR	100%

## FOOTNOTES

- <sup>1</sup> All necessary permits must be obtained prior to any obligation of program funds.
- <sup>2</sup> Methods of cost-sharing may be based on: "Average Cost" (AC) or "Flat Rate" (FR). Cost-share rates (%) vary between practices based on program priorities.
- <sup>3</sup> Limited Resource Farmers and New Farmers may receive 90% cost share rate for all practices paid on a basis of "Average Cost" (AC). Flat Rate is always 100%.
- <sup>4</sup> Access Road (560): New access roads are authorized only as part of animal waste management systems; existing access roads are authorized for erosion control only.
- <sup>5</sup> Fence (382): Permanent fence on prescribed grazing systems; exclusion of livestock from water resources or to protect practices; confinement to barnyard areas, and safety fence around structures and ponds.
- <sup>6</sup> Pasture/Hayland Planting (512): Authorized only for establishment of permanent vegetation on cropland to be maintained for the life of the contract, and for no-till pasture improvement.
- <sup>7</sup> A planned grazing system must provide a minimum of 75% of the forage drymatter (DM) required to feed the herd during the grazing season to be eligible for infrastructure cost share.
- <sup>8</sup> Water Wells (642): Only for livestock watering to facilitate prescribed grazing and animal distribution where other suitable water source is not available; not for barnyard water.
- <sup>9</sup> Filter Strip (393): Vegetation for removing sediment, organic matter and pollutants other than waste water from runoff.
- <sup>10</sup> Subsurface Drain (606) and Underground Outlet (620): authorized only if the practice does not alter the hydrology of an existing wetland, and then only as a component of another practice such as waste storage facilities, waterway, terrace, stripcropping, or otherwise approved on a case by case basis.
- <sup>11</sup> Irrigation system reorganization is only authorized for improvements in system efficiency (i.e. conversion from sprinkler to microirrigation or to low pressure systems); water savings must be documented.
- <sup>12</sup> Wildlife practices require either upland or wetland habitat management (645 or 644), following Habitat Evaluation Procedures (HEP) to develop and implement planned practices to meet NRCS quality criteria.
- <sup>13</sup> Stream Crossing (578): authorized only for exclusion of animals from a stream in association with a grazing system. All necessary permits must be obtained.

## Understanding Cost Share

NRCS cost share is designed to accelerate implementation of needed conservation work, or to provide an incentive to adopt new practices or technology. The cost share rate is the government's share of installing the practice, based on an average cost established for this geographic area. Average cost is a fixed amount, as are flat rates, published in the annual program cost list. The cost list is used as the basis for all contracts in a specific fiscal year and cannot be changed for site-specific circumstances. If the project ends up costing less, the participant benefits; if it costs more, the participant bears the extra costs. The minimum requirement is that the practice meet NRCS standards and specifications. Payment is made to the participant upon completion and certification of the practice. The payment amount is calculated based on the following formula:

$$[\text{average cost} \times \text{number of units} \times \text{cost share rate}]$$

For more details on costs, see the *EQIP2007 Cost List* and *EQIP2007 Cost List Notes* available at your local NRCS Office or online at <http://www.ma.nrcs.usda.gov/programs/eqip.html>